

FAIL-SAFE®



CFF

1 7 W - 1 6 0 W

Fluorescent

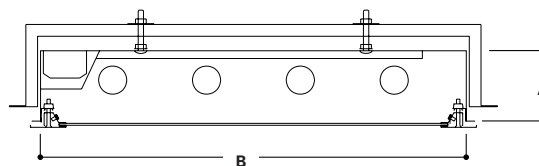
1' x 2', 1' x 4', 2' x 2', 2' x 4'
FLUORESCENT FLANGE
ONE PIECE DOOR

- Lens is clear extruded with prisms positioned inside fixture and smooth surface on the outside for easy cleaning
- Flush mounted, stainless steel machine screws
- Die-formed, 20 ga. CRS housing contains no holes. Standard white high reflectance polyester powder coat finish
- Unique, Particulock™ lens retention system utilizes continuous, 18 ga. media clampdowns
- Two braided, stainless steel cables on one side of door provide hinging
- One-piece, 18 ga., fully gasketed, outside flanged door
- Standard Class P, CBM/ETL ballast
- White, closed cell, Flexiseal™ triple gasketing system
- Gasketed access plate with two flattened, 7/8" diameter knockouts

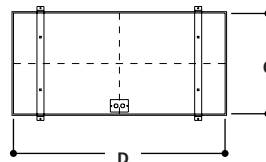
DESCRIPTION

The Fail-Safe CFF Series is designed for use in horizontal or non-laminar air flow clean rooms. The enclosed and gasketed housing and one-piece, outside flanged door protect against infiltration of airborne bacteria. The die formed edges on the door frame and the hole-free design of the housing prevent air exchange between the fixture and plenum, allowing relamping without contamination of the clean areas. These luminaires are U.L. listed and C.S.A. certified for wet locations and are manufactured in accordance with U.S.D.A., F.D.A., N.S.F. and Federal Standard 209E guidelines. 200 PSI Hose Down Rating standard. The CFF Series is suitable for use in I.E.S. Class 100, 1,000, 10,000 and 100,000 clean room environments.

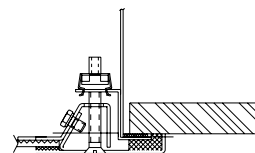
DIMENSIONS



CEILING CUT-OUT DIMENSIONS



DOOR FRAME



	A	B	C	D
CFF	4"	10 3/4"	11 1/16"	24 5/16"
1' x 2'	(102mm)	(273mm)	(281mm)	(617mm)
CFF	4"	10 3/4"	11 1/16"	48 5/16"
1' x 4'	(102mm)	(273mm)	(281mm)	(1227mm)
CFF	3 3/4"	22 11/16"	23 1/16"	24 5/16"
2' x 2'	(95mm)	(576mm)	(586mm)	(617mm)
CFF	3 3/4"	22 11/16"	23 1/16"	48 5/16"
2' x 4'	(95mm)	(576mm)	(586mm)	(1227mm)

ORDERING INFORMATION

SAMPLE NUMBER: CFF-24-340-277-1K12-LE3-GLR

Series CFF=Fluorescent Flange Type		Voltage 120=120V 277=277V UNV=120V through 277V	Ballast LE3=Energy Saving Ballast for use with T12 Lamp	Door/Finish Options Blank=Standard, CRS with baked white finish SSN=Stainless Steel Door/ Brushed 304 Finish SSP=Stainless Steel Door/ Polyester Powder Coat Finish ALP=Aluminum Door/ Polyester Powder Finish ALX=Extruded Aluminum Door/Clear Anodized Finish ³ ALXP= Extruded Aluminum Door/Polyester Powder Finish ³	Options EBP=Emergency Battery Pack GLR=Fuse and Holder RIF=Radio Frequency Interference Filter TAD=Top Access Door ⁴
Width 12=12" (3 Lamp Max) 24=24"		Lens Type IK12=K-12 Prismatic Acrylic IP12=K-12 Prismatic Polycarbonate KSH25 1=Bat Wing Distribution 93=Prismatic Tempered Glass	Electronic Ballast ² EB51=(1) Ballast for use with T5 Lamp EB52=(2) Ballasts for use with T5 Lamp EB81=(1) Ballast for use with T8 Lamp EB82=(2) Ballasts for use with T8 Lamp EB21=(1) Ballast for use with T12 Lamp EB22=(2) Ballasts for use with T12 Lamp EBX1=(1) Ballast for use with Biaxial Lamp EBX2=(2) Ballasts for use with Biaxial Lamp	Housing Options SHN=Stainless Steel, Brushed 304 Finish SHP=Stainless Steel, Polyester Powder Finish ALH=Aluminum, Polyester Powder Finish	
Lamp Type 2' Fixture Length T5 Fluorescents 114=(1) 14W Lamp 214=(2) 14W Lamps 314=(3) 14W Lamps 414=(4) 14W Lamps T8 Fluorescents 117=(1) 17W Lamp 217=(2) 17W Lamps 317=(3) 17W Lamps 417=(4) 17W Lamps T12 Fluorescents 120=(1) 20W Lamp 220=(2) 20W Lamps 320=(3) 20W Lamps 420=(4) 20W Lamps U Lamps 2U 1 5/8=(2) 31WT8 Lamps 3U 1 5/8=(3) 31WT8 Lamps 2U6T8=(2) 32WT8 Lamps 2U6=(2) 40WT12Lamps	Biaxial Fluorescents 140BX=(1) 40W Lamp 240BX=(2) 40W Lamps 340BX=(3) 40W Lamps 4' Fixture Length T5 Fluorescents 128=(1) 28W Lamp 228=(2) 28W Lamps 328=(3) 28W Lamps 428=(4) 28W Lamps T8 Fluorescents 132=(1) 32W Lamp 232=(2) 32W Lamps 332=(3) 32W Lamps 432=(4) 32W Lamps 632=(6) 32W Lamps T12 Fluorescents 140=(1) 40W Lamp 240=(2) 40W Lamps 340=(3) 40W Lamps 440=(4) 40W Lamps			Accessories (Order Separately) MFCF24-2FT=Mounting Frame (not required for installation) MFCF24-4FT=Mounting Frame (not required for installation)	

Notes: For additional options, consult your Cooper Lighting Representative. Specifications and Dimensions subject to change without notice. Electronic ballast may cause interference with other electronic devices. If interference occurs move the device away from the product or plug/connect into a different circuit/outlet.

¹ The KSH25 provides improved visual performance and wide angle distribution. This lens has an integral prism pattern designed so that prisms face the lamp cavity and still supply superior photometrics. Highly recommended for all high tech manufacturing environments.

² For specific electronic ballast, specify brand and catalog number. ³ Not rated for 200 PSI hose down. ⁴ Contact your Cooper Lighting Representative for dimensional details.